

Design and Construction

WAC 296-876-200

Section Contents

YOUR RESPONSIBILITY:

To make sure portable ladders meet design and construction requirements

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Rule

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IMPORTANT:

- Design and construction requirements of this section don't apply to special purpose ladders.



Definition:

- A **special purpose ladder** is a portable ladder that's made by modifying or combining design or construction features of the general-purpose types of ladders in order to adapt the ladder to special or specific uses.

You must

- Make sure portable ladders and job-made wooden ladders manufactured **on or after January 1, 2006**, meet the design and construction requirements and specifications of the appropriate American National Standards Institute (ANSI) standard:
 - ANSI A14.1-2000, American National Standard for Ladders-Portable Wood Safety Requirements.
 - ANSI A14.2-2000, American National Standard for Ladders-Portable Metal Safety Requirements.
 - ANSI A14.5-2000, American National Standard for Ladders-Portable Reinforced Plastic-Safety Requirements.
 - ANSI A14.4-2002, American National Standard Safety Requirements for Job Made Wooden Ladders.

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Rule

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Design and construction (continued)

You must

- Make sure portable ladders manufactured **before January 1, 2006**, meet the design and construction requirements and specifications of the appropriate ANSI standard in effect on the date of manufacture:
 - ANSI A14.1, American National Standard for Ladders-Portable Wood-Safety Requirements.
 - ANSI A14.2, American National Standard for Ladders-Portable Metal-Safety Requirements.
 - ANSI A14.5, American National Standard for Ladders-Portable Reinforced Plastic-Safety Requirements.



Note:

- A commercially manufactured portable ladder should have a label indicating it meets the requirements of the ANSI standard. If in doubt, check with the manufacturer.



Helpful Tool:

Job-made Wooden Ladders

- You can find information about the design and construction of job-made wooden ladders in the Resources section of this chapter.

